

Date: Tue, 5 Apr 94 04:30:17 PDT
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V94 #95
To: Ham-Equip

Ham-Equip Digest Tue, 5 Apr 94 Volume 94 : Issue 95

Today's Topics:

Ford Explorer and Kenwood T-50 problems (2 msgs)
 GE MASTR EXEC and GE MASTR II
 IC-206A info Help
 Kenwood 830 & MFJ tuner
Misc. Questions on Choosing a Dual-Band HT
 Multi-Elmac Manuals Needed
 Need 420MHz radios for link
 Need Info on Yaesu CPU-2500R 2M Mobile
 Need manual for HM-2102 Watt/Swr meter
 Proper wire to connect a key? (2 msgs)
 SGC tuner
 TM-742
Trouble with SW bands on Drake R8 Receiver
What's the deal with TS-940 serial number ranges
 Which filters to get? (2 msgs)
 Yaesu FT411

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 4 Apr 94 17:41:12 GMT
From: agate!howland.reston.ans.net!europa.eng.gtefsd.com!news.umbc.edu!cs.umd.edu!
newsfeed.gsfc.nasa.gov!macgwy-mac2.gsfc.nasa.gov!user@ucbvax.berkeley.edu
Subject: Ford Explorer and Kenwood T-50 problems
To: ham-equip@ucsd.edu

Hi,

a friend of mine asked me to post this for him. He just bought a Kenwood TS-50 HF "mobile" rig for his 1993 Ford Explorer. He's getting a white noise that is only present when the engine is running. He's using a vertical antenna on the roof of the car. The noise is contact over all the bands and does not waiver with engine RPM. It is gone when the engine is off. Sniffing with a loop antenna has so far been inconclusive. If there's anyone with experience with this sort of noise, especially on Ford trucks, please let me know

--

Jim Blackwell
Goddard High Resolution Spectrograph Science Support
Computer Sciences Corporation
NASA/GSFC Code 681.0
Greenbelt, MD 20771
hrsblackwell@stars.gsfc.nasa.gov

Date: 4 Apr 94 19:56:03 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!vixen.cso.uiuc.edu!aries!wangc@ucbvax.berkeley.edu
Subject: Ford Explorer and Kenwood T-50 problems
To: ham-equip@ucsd.edu

hrsblackwell@hrs.gsfc.nasa.gov (Jim Blackwell) writes:
> a friend of mine asked me to post this for him. He just bought a
>Kenwood TS-50 HF
>"mobile" rig for his 1993 Ford Explorer. He's getting a white noise that
>is only present
>when the engine is running. He's using a vertical antenna on the roof of
>the car. The
>noise is contact over all the bands and does not waiver with engine RPM.
Fuel pump? Ford has a factory filter. Does the pump vary w/ RPM?
Chuck, KE9UW, Urbana, IL

Date: 4 Apr 1994 21:30:02 -0400
From: ihnp4.ucsd.edu!galaxy.ucr.edu!library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!news.ans.net!hp81.prod.aol.net!search01.news.aol.com!not-for-mail@network.ucsd.edu
Subject: GE MASTR EXEC and GE MASTR II
To: ham-equip@ucsd.edu

Does anyone know the microphone impedance and the speaker impedance?

We are using these for repeaters and link radios and appear to have an impedance mismatch, any info would be gratefully appreciated.

Send email to biekert@vnet.ibm.com or BIEKERT@aol.com

73 and Thanks, KA5GLX KA5GLX/R

Date: 4 Apr 94 14:23:52 -0600
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!math.ohio-state.edu!
darwin.sura.net!atlas.tntech.edu!jmg@network.ucsd.edu
Subject: IC-206A info Help
To: ham-equip@ucsd.edu

Does anyone have information and/or opinions about the Icom IC-260A all mode 2 meter rig?

good/bad.. worth?

thanks

Jeff, AC4HF

Date: Mon, 04 Apr 1994 07:36:59 +0600
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!news.tamu.edu!idmb-secretary.tamu.edu!
user@network.ucsd.edu
Subject: Kenwood 830 & MFJ tuner
To: ham-equip@ucsd.edu

Ok, I have a Kenwood 830 I just bought, an MFJ 949E Versa Tuner II, and have installed an Alpha Delta multiband dipole antenna in the attic. Following the manual, I started tuning the transmitter, placing the mode on tune, switching the MFJ to dummy load, peaking the drive and load, and dipping the plate. During this process, the meter on the MFJ also registers. Then the manual says to switch mode to CW and key down while dipping the plate again, but nothing shows on the Kenwood meter when I do this.

Following this, I switch the MFJ to coax and attempt to match the antenna to the rig. The MFJ instruction sheet says to key down on the keyer, then set the transmitter and receiver calibration dials. The problem is, when I do this, nothing registers on the MFJ meter once again. I have also tried

another keyer, and still no problem. Someone said they usually did all their tuning with the send/receive switch on the rig, and by placing the mode switch on tune, this did get a reading on the MFJ.

Any suggestions from anyone familiar with the Kenwood 830 and the MFJ tuner? Am I doing something wrong?

Troyce
KC5CBI

--

Please read THE ELEMENT OF FIRE by Martha Wells, a Tor hardback at quality bookstores near you. I live with the author and want to go back to Disney World this year :)

Date: 4 Apr 1994 00:20:13 GMT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!howland.reston.ans.net!
newsserver.jvnc.net!netnews.upenn.edu!juliet.sas.upenn.edu!netaxs.com!
davidson@network.ucsd.edu
Subject: Misc. Questions on Choosing a Dual-Band HT
To: ham-equip@ucsd.edu

On 2 Apr 1994 07:27:46 GMT
Marc Richard Wollemborg (mrw13@namaste.cc.columbia.edu) wrote:

: Last time I posted a question about buying an HT, many responses said to
: make sure to ask around here... so here are a few more questions:
[snip]
: To help differentiate them, I would like to know how modifiable they are.

You should ftp to oak.oakland.edu in the pub/hamradio/mods sub-directory and download the mods for the hts that interest you. That is the way that I supplemented the QST article information before I decided to buy the Alinco DJ-580T. :-)

73 de K3FZT (Steve)

--

Steven J. Davidson, MD, MBA, FACEP | 215.843.3001 voice | 215.843.3029 fax
Div. of EMS, 3426 Conrad Street, Suite 5, Philadelphia PA 19129-1651
davidson@ccc.medcolpa.edu | davidson@netaxs.com | 71535.204@compuserve.com
Opinions are _all_ mine. I'm often wrong, but never in doubt.

Date: 4 Apr 1994 09:38:18 -0400
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!math.ohio-state.edu!magnus.acs.ohio-state.edu!mail-news-gateway@network.ucsd.edu
Subject: Multi-Elmac Manuals Needed
To: ham-equip@ucsd.edu

Urgently need copies of manuals for
AF-68 transmitter
PMR-8 receiver
M1070 power supply

Will gladly pay duplicating costs.

Bob W8ERD

Date: 4 Apr 1994 22:50:52 GMT
From: ihnp4.ucsd.edu!swrinde!sgiblab!sgigate.sgi.com!olivea!ncd.com!newshost.ncd.com!hansen.ncd.com!phil@network.ucsd.edu
Subject: Need 420MHz radios for link
To: ham-equip@ucsd.edu

I need to find a couple of radios for my repeater system. I really need something that can work in the 420-430 link band (US).

I would prefer a MVP or something else very small (I have little rack space, so a EXEC II would be too bug :-)

So how about it? Any one have a source for these?

Thanks!

Phil

DE KJ6NN

email: phil@ncd.com
packet: kj6nn@n0ary-1
FAX: 408-262-4593

Date: 4 Apr 94 18:27:07 -0700
From: ihnp4.ucsd.edu!swrinde!gatech!news.byu.edu!yvax.byu.edu!

sandersm@network.ucsd.edu
Subject: Need Info on Yaesu CPU-2500R 2M Mobile
To: ham-equip@ucsd.edu

Would like some info on the following:

Yaesu CPU-2500R 2M mobile rig.

I picked it up in a trade, it seems to work well.
Main question: approximate year of introduction to the market.

It has full digital readout (6 digits plus memory # - all LED)
Split frequency operation
CPU controlled
Synthesized frequencies (VFO)
3 and 25 Watt
DTMF keypad
knob for programmable shift, 600Khz std, and simplex.

I have the original manual, but no publication date, nor mfg date on the chassis.

Thanks in advance for any help. BTW, it works great!

Milt, KB7MSF sandersm@yvx.byu.edu

Date: 4 Apr 1994 14:16:45 GMT
From: ihnp4.ucsd.edu!agate!etch-eshop.Berkeley.EDU!ron@network.ucsd.edu
Subject: Need manual for HM-2102 Watt/Swr meter
To: ham-equip@ucsd.edu

Anyone Have the documentation for a Heath HM-2102 VHF watt/swr meter ?

I'd be more than happy to pay for the cost of copying and postage.

Thanks,

ron@etcheshop.Berkeley.EDU

Date: 4 Apr 94 15:51:08 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!noc.near.net!news.delphi.com!
BIX.com!hamilton@network.ucsd.edu
Subject: Proper wire to connect a key?
To: ham-equip@ucsd.edu

Okay, real dumb question. (Except that I'd feel even dumber if it turned out this isn't a dumb question and I should have asked! :-)

I've just bought a Bencher iambic key. I was a bit surprised to see they didn't include any wire with it. Offhand, I assume any reasonable 3-conductor wire can be used, right? I'm guessing it's just low voltage low current (logic levels) DC involved, so not even any reason to use a shielded cable, right? Just any decent, flexible light cable should work, I'm assuming.

Correct me if I'm wrong, please.

Regards,

Doug Hamilton hamilton@bix.com Ph 508-358-5717
Hamilton Laboratories, 13 Old Farm Road, Wayland, MA 01778-3117

Date: 4 Apr 94 17:38:12 GMT
From: agate!howland.reston.ans.net!math.ohio-state.edu!magnus.acs.ohio-state.edu!
peri.acs.ohio-state.edu!rdixon@ucbvax.berkeley.edu
Subject: Proper wire to connect a key?
To: ham-equip@ucsd.edu

In article <hamilton.765474668@BIX.com>, hamilton@BIX.com (hamilton on BIX) writes:

|>
|> Okay, real dumb question. (Except that I'd feel even dumber if it turned
|> out this isn't a dumb question and I should have asked! :-)
|>
|> I've just bought a Bencher iambic key. I was a bit surprised to see they
|> didn't include any wire with it. Offhand, I assume any reasonable 3-
|> conductor wire can be used, right? I'm guessing it's just low voltage
|> low current (logic levels) DC involved, so not even any reason to use
|> a shielded cable, right? Just any decent, flexible light cable should
|> work, I'm assuming.
|>
|> Correct me if I'm wrong, please.
|>
|> Regards,
|> Doug Hamilton hamilton@bix.com Ph 508-358-5717
|> Hamilton Laboratories, 13 Old Farm Road, Wayland, MA 01778-3117

What you say is true enough if there were no RF around. But since the whole idea is to operate a transmitter, there IS RF around. Hence you need to use shielded wire to prevent the RF from your transmitter from fouling up the operation of your keyer.

Bob W8ERD

Date: Mon, 4 Apr 1994 15:26:40 GMT
From: netcomsv!netcom.com!greg@decwrl.dec.com
Subject: SGC tuner
To: ham-equip@ucsd.edu

I keep hearing wonderful things about SGC's automatic antenna tuner.

QST liked it. The on-the-air reports are glowing, from the couple of happy customers I've worked.

As a solution to get the feed point of my multiband wire antennas out of the shack, and to get the most out of a broad-banded rig running barefoot, it seems like a match (ahem) made in heaven.

Does anyone have anything *bad* to say about this beastie?

Greg

Date: Mon, 4 Apr 1994 20:11:52 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!europa.eng.gtefsd.com!news.umbc.edu!eff!news.kei.com!ssd.intel.com!durr@network.ucsd.edu
Subject: TM-742
To: ham-equip@ucsd.edu

Any opinions on the tri-bander from Kenwood? I was thinking about a configuration for 2 meters, 70 cm and 10 meters.

--Jeff Durr
durr@ssd.intel.com

Date: Mon, 4 Apr 1994 19:51:53 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!cs.utexas.edu!gerald@cc.utexas.edu!portal.austin.ibm.com!awdprime.austin.ibm.com!leej@network.ucsd.edu
Subject: Trouble with SW bands on Drake R8 Receiver
To: ham-equip@ucsd.edu

In article <HUGH.94Apr4001229@hodain.ci.net>, hugh@hodain.ci.net (Hugh Secker-

Walker) writes:

```
|> Hello all,  
|>  
|> My infirm father-in-law has a Drake R8 Communications Receiver which  
|> he has been using for a couple of years to scan the short-wave bands.  
|> Recently, he has been unable to receive anything on the SW bands, even  
|> though other bands are apparently ok. He believes his antennas are  
|> not to blame since they work for the other bands. So, (hastily) he's  
|> concluded that a lightning strike has "taken-out" his SW tuning  
|> section, and he's preparing to pack up the unit and send it back to  
|> the manufacturer for a repair.  
|>  
--- stuff deleted  
|> Hugh  
|> --  
|> Hugh Secker-Walker      | hugh@hodain.ci.net (NeXTmail ok)  
|> Perceptual Acoustics    | hugh@ear.mit.edu
```

I got the shop manual for the R8, and there's no direct correlation in machine organization to SW bands in particular.

There are 11 bandpass filters, but the divide up the frequency coverage of the Drake for all of 150 kHz - 30 MHz. But if his 'favorite' band(s) fall(s) under the range of one of the filters, I'd say you have a place to start.

If I think of it I'll try to look up the the filter ranges and post the info.

Lee Johnson (leej@austin.ibm.com)

Date: 3 Apr 94 16:22:38 GMT

From: ihnp4.ucsd.edu!usc!yeshua.marcam.com!charnel!olivea!tardis!tymix.Tymnet.COM!
niagara!flanagan@network.ucsd.edu

Subject: What's the deal with TS-940 serial number ranges

To: ham-equip@ucsd.edu

In article <dgfCnGKnD.GGs@netcom.com> dgf@netcom.com (David Feldman) writes:

```
>I have an opportunity to obtain a 940 by trade. I've forgotten what the serial  
>number ranges are (i.e., if it's before/after a certain cutoff point, what are  
>the issues)?
```

I would like this information, as well.

Dick

--

Dick Flanagan, W6OLD

Libelle Productions, Minden, NV, USA

w6old@n6qmy.#nocal.ca.usa.na

dick@libelle.com

Voice: +1 702 782 0806

GEnie: FLANAGAN

Date: 4 Apr 1994 18:08:58 GMT
From: galaxy.ucr.edu!library.ucla.edu!europa.eng.gtefsd.com!news.umbc.edu!eff!
news.kei.com!ub!csn!col.hp.com!srngenprp!news.dtc.hp.com!hpscit.sc.hp.com!icon!
hpchase.rose.@@ihnp4.ucsd.edu
Subject: Which filters to get?
To: ham-equip@ucsd.edu

I'm running an IC-737, currently without the optional filters. I'd like to add the filters, but I'm wondering which to get? I have a choic of narrow or wide (both of which are narrower than without the optional filters), and a choice of 1st or 2nd IF (7 Mhz and 455 KHz, I think).

Is there such a thing as having too narrow a filter, or should I go for the narrower ones?

If I go with only the 1st or only the 2nd IF, which is better? Would it be better still to get the filters for BOTH IF's, or is this overkill?

Thanks,
Chris Moore
N6IYS
cmoore@cancun.rose.hp.com

Date: Mon, 4 Apr 1994 19:15:16 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!math.ohio-state.edu!
magnus.acs.ohio-state.edu!csn!col.hp.com!fc.hp.com!jayk@network.ucsd.edu
Subject: Which filters to get?
To: ham-equip@ucsd.edu

Chris Moore (cmoore@mothra.rose.hp.com) wrote:

: I'm running an IC-737, currently without the optional filters. I'd like
: to add the filters, but I'm wondering which to get? I have a choic of
: narrow or wide (both of which are narrower than without the optional
: filters), and a choice of 1st or 2nd IF (7 Mhz and 455 KHz, I think).

: Is there such a thing as having too narrow a filter, or should I go for the
: narrower ones?

If your going for CW filters and have a choice of 250 or 500 Hz I would go with the 500 Hz. 250 Hz filters are nice but a bit narrow for everyday operating.

: If I go with only the 1st or only the 2nd IF, which is better? Would it
: be better still to get the filters for BOTH IF's, or is this overkill?

If you can only put one filter in the receiver put it in the IF closest to the front end of the receiver (1st). That will keep unwanted signals out of the later stages of your receiver. A pair of filters will give you VERY steep skirts. I personally prefer having both filters. CW is a whole new ballgame with good filters.

73, Jay K0GU

jayk@fc.hp.com

Date: Mon, 4 Apr 1994 13:50:37
From: ihnp4.ucsd.edu!swrinde!gatech!howland.reston.ans.net!sol.ctr.columbia.edu!news.kei.com!ssd.intel.com!chnews!ornews.intel.com!ccm.hf.intel.com!brett_miller@network.ucsd.edu
Subject: Yaesu FT411
To: ham-equip@ucsd.edu

In article <2ndlpoj\$bb6@amhux3.amherst.edu> jbhertz@unix.amherst.edu (HERTZBERG) writes:

>I'm considering buying a two-year-old used Yaesu FT411 HT. The guy who's selling it is including two battery packs and a mic, and asking \$150.

The 411 was my first HT. I have since given it to my wife who uses it in the car. It is banged up and scratched, but still works fine. The buttons feel kind of mushy after lots of use, but I am still happy with it. Its quite small even by todays standards. Lighted keypad is great.

Brett Miller N70LQ
Intel Corp.
American Fork, UT

brett_miller@ccm.hf.intel.com

End of Ham-Equip Digest V94 #95

